



"Our Home, our Country, and our Brother Man."

PERIODICAL SEASONS, OR CYCLES.
There has been, probably for centuries, a belief in the minds of many, that there is a periodical return of seasons, or, in other words, there is a cycle in the seasons, so that after a certain lapse of time we have a season, as it regards warmth and cold, moisture and drouth, similar to that which occurred for a certain number of years previous.

This belief arose probably from the fact that there are cycles in the movements of the planets—that the period of nineteen years, or thereabouts, brings the moon into the same relative position that she occupied nineteen years previous. Some have supposed that the cycle of the seasons occupied but fourteen, or fifteen years—some that it was but eleven years. We are inclined to the belief that there is some foundation for these opinions—but that, as yet, there has not been a sufficiency of nice, accurate and scientific observation to fix any definite data, by which the exact extent of this period can be determined and made certain.

We are somewhat confirmed in this belief, from what we can recollect, and from the personal journals of the weather, &c., kept by some persons also, for a series of years back.

A writer in one of the Canadian papers brings forward some interesting remarks upon this subject, which are worthy of consideration by farmers. He concludes that there is a return of similar seasons at intervals of thirteen, fourteen and fifteen years, and many think there is a period of seven years. He says that the tables which have been constructed with the greatest labor and care at the Greenwich Observatory, near London, under the direction, and at the expense, of the British Government, serve to show, by comparison of records kept during seventy-five years past, that the character of the seasons of successive years respectively changes according to a fixed law, though the nature of that law is, perhaps, not even suspected. The cycle in which we are brought again to the same temperature is ascertained to be fifteen years.

As many of our readers, we know, feel interested in this question—they having directed their attention and observations to it for several years—we will quote below what he says.

The facts and appearances in Canada, where the writer made his observations, may not tally exactly with similar observations here in Maine. We, however, have a pretty vivid recollection of the cold during the season of 1837. We saw ice in each thick, which formed in a tub of water on the first day of May of that year; and also recollect the severe frosts which occurred in the latter part of August of the same year.

The early frosts of last year, which was fourteen years later, are within the recollection of all.

The following are the remarks of the writer alluded to. After ascertaining the facts above mentioned, as shown by the records of Greenwich, he says:

"Shortly before meeting with this information, I found occasion, in conferring with a friend on his recollections, and comparing them with all that I had previously gathered, to remark that there must be a fraction of a year in the cycle; because that the period of seven years, and its multiple fourteen, though very near the mark, yet in a long course of years, do not exactly tally with facts. The periods in Pharaoh's dream, interpreted by Joseph and fulfilled by the event, were seven years of plenty and seven years of famine. In respect to which it is observable, that the Scripture account agrees exactly with the natural laws ascertained by modern science: for any mention of the fifteenth year would not have been pertinent to the matter in hand; the character of its seasons was not important to be recorded in the volume of inspiration; though as it was at the turning point, its temperature and its general character were probably average. In a long course of years, the continual adding of fourteen years to any particular year, does not bring us to the same condition of the seasons. There is a fraction of a half a year over the seven years, and after intervals of fifteen years, we shall always find ourselves in pretty nearly the same circumstances as to heat and cold.

The years 1830 and '37, were in the cold extreme of the Thermal Cycle. The effects of those unequal seasons, in the climate of Canada, were disastrous to Upper Canada, at least as far north as Cobourg, a village on L. Ontario, and not far from the meridian of Rochester, N. Y.; it was impossible in the former of those years, to sit and read without a fire in August or September. The whole summer was dry and cold. The phenomena of Aurora Borealis were wonderful, and among other forms, it took the following. Night after night, for some weeks, through with occasional interruptions, an arch of white light, to appearance about as broad as the moon, spanned the heavens; and at intervals, a fine thread of light, twining spirally around this arch, darted with almost the velocity of thought across the hemisphere. When the time for harvest arrived, cold rains completed the ruin of the little grain that had been able to grow. Never I am almost think, on a white man's farm in Canada, were such bare fields beheld. The summer of '37 was nearly as bad, and the harvest not much better; and in that year, also, the Aurora was magnificent. In January, as the writer was returning at night, from attendance at court, and from the Bay of Quinte, the appearance was presented in the northern sky of a vast tent of a bright red hue. The summer, also, at Toronto, on several nights, the sky overhead, for a broad space, was observed to be of an even red hue, without clouds. One more year like those two, would have ruined the country. As it was, the poorer people to the east of Quebec, actually

killed and eat their horses. After these two years, the seasons moderated. And in seven years' time the public journals resounded with the exclamation that within the memory of the "oldest inhabitant" there had hardly been so hot a summer. The years '41 and '45 were the warmest in that cycle. In another seven years' time, the cold became equally remarkable; and it is within the memory of our youngest readers, that the winter of '50 and '51 was very severe; that the summer months of '51 hardly made a summer—and that the winter last past was so remarkable for extreme cold, that few of our acquaintance can relate anything to surpass our recent experience.

All these things, duly considered, will serve to show us, that when nature is attentively observed; when all phenomena and facts are noted, treasured up and studiously compared; the laws of even the most subtle agents, and most mysterious operations, may at least be discovered. It is not much, indeed, that the most favored sons of science have as yet ascertained in this department; and we do but learn a little from them at second hand. Yet knowledge is precious: knowledge is power; and though we may never understand all the mysteries of the earth's atmosphere, we are sure not to lose by learning what we can."

HURRYING UP THE TOMATOES.
It is well known by those who raise tomatoes in Maine, that the season is rather short for them, and that a portion of them do not get ripe, unless artificial means be used to help them along. The Working Farmer gives the following directions for hurrying up the business. The chief operation depends upon shortening in the vines, or in other words, clipping off the tops or tips of the branches. All must observe, says the writer, that 30 per cent. (one-third) of the tomatoes grow within eighteen inches of the ground, and that 90 per cent. of the vine, containing 10 per cent. of the fruit, grows above this point; therefore cut it off and remove it with the small tomatoes. He says the vines will not bleed, and the tomatoes left will increase in size more than equal in value to those removed.

GOOD FOR THE CUCUMBERS.
The Farm Journal gives a very good method of supplying cucumbers and other plants and vines, with a steady supply of water. The Editor says it has been successfully tried by a gentleman of Lancaster, Pa. It is, in fact, putting into practice the principles of capillary attraction and the syphon, as follows: A small vessel, of wood or earthen ware, full of water, (the used paint kegs) is placed near the cucumber hills. A piece of rope, first thoroughly soaked in water, was then laid from the water in the vessel to the roots of the vines. The water will then continue to pass from the vessel through the rope to the roots, thus maintaining a sufficient degree of moisture to keep them in a flourishing condition when all the vegetation around was parched with drouth. We conceive that, in order to succeed perfectly, the rope be a soft or slack twisted one. If no rope is at hand, a piece of old cloth twisted into a rope will answer. The end immersed in the water should be placed down on the bottom of the vessel, so as to enable it to convey all the water in the vessel.

SEEDING DOWN IN AUGUST AND SEPTEMBER.
We again remind our subscribers of the importance of attending to the proper time to this branch of farming. August is the time to commence this work, though in many cases September will answer as well. For it is often dry, that it is prudent to wait for rain before committing the seed to the earth.

There is much land which has long been mown or pastured, but which is not suitable for planting. It is wet in the spring and consequently too cold for corn and potatoes. Much of this kind of land is suffered to lie unproductive from year to year because the owners could plant other grounds to better advantage as to grain, &c.

Still, much of this low ground would produce more grass than the grounds that are suitable for grain, provided they could have a fair chance. Rotation of crops is of great importance to farmers; but as rotation can not be practised in all places a change from poor grass to good grass is much better than no change.

When green sward is turned in August or September there is much vegetable matter buried under the sod. This aids the succeeding harvest, and a light dressing only is required to encourage the new seed.

Headgrass and red-top seed are the best for this season of the year, and if sown in the autumn it may be sown in November when it is too late for it to vegetate, or in any of the winter months. It is sometimes sown in March and April, but as the ground is not to be harrowed the spring rains are not always sufficient to bury it.

For the Maine Farmer.
CHEMICAL ANALYSIS—NO. 3.
Carbon is the most common, and perhaps generally best understood, of the organic elements, from the fact that the other three are only known in their pure form in a gaseous state, and cannot be detected by any of our senses. The diamond is pure carbon. Among the other varieties, charcoal is the most common and best known; and is pure, when wood is deprived of its solidified matter, or oxygen and hydrogen, except the remainder of ash or inorganic elements. It consists of about 40 per cent. of dry wood, starch, sugar, and gum. These four articles are composed of the same proportions of the same elements, viz: 12 equivalents of carbon, 10 of oxygen, and 10 of hydrogen, represented by the formula, C, 12, O, 10, H, 10.

When wood is charred in the pit, the two latter elements escape in their gaseous form, leaving the black mass of carbon behind; but when burned in the air, the carbon unites with two equivalents of oxygen, forming carbonic acid gas, which is the only source from which vegetation derives its carbon, and is received through the medium of the leaves, in sufficient quantities to sustain vegetable growth, but this growth is much accelerated by the spongy-like of the roots being surrounded by an atmosphere of this gas, and the water being impregnated with it, which will absorb its own bulk of this gas.

Why these elements, or charcoal and water, form all the woody parts of vegetables, and the non-nitrogenous parts of the nutrient they contain, and why all of the various matters are formed by the same proportion of the same elements, and why the properties of one substance can be changed chemically to another entirely different, and a thousand other things with equal novelty, will be left to a generation far in the future to explain; but the chemist says it is so, and proves the fact by taking these substances to pieces, and the result demonstrates this principle of composition; he also, by a series of operations, converts wood, or saw-dust, into bread, analogous to that made of flour; and the catalytic power of sulphuric acid, or its presence, will change starch into sugar, and the acid may be extracted without change of quality, weight or measure.

Now, the bones, in a pecuniary point of view, are of more importance to the practical man than the whys. Note the remarks in the two former articles on this subject, and we are prepared to practically approximate the science of the above, by preparing manure, or food, soil, &c., for their organization. The ground being in a proper tilth, moisture, and warmth, the carbonaceous matter of the manure, (which in the days of bleaching, that ought to be gone by, constituted the principal dressing, with nothing for it to do,) has a three-fold action, viz: 1st, it is an absorber and divisor of all the other elements, and 2d, it retains those elements in contact with the silicates of the soil, enabling them to act on the latter like leaven; eliminating their nutritive properties; thus we receive a two-fold benefit for the outlay, for it is consistent with reason and practice that high farming pays a double profit. 3d, As its decomposition proceeds, it furnishes an atmosphere of carbonic acid in the soil, thereby enabling the term to send up a strong shoot, with power to receive double of the same gas from the air, through the medium of their leaves; whereas, if used alone, without being charged with the other elements to act on the silicates, or to minister to the growing plant, it is as useless and inert as muck in the peat bed. In this view of the subject, which is believed to be consistent with science and practice, the calculating mind can hardly fail to perceive that the amount of carbonaceous matter, beyond what is necessary to absorb the other elements, is nearly useless, and, if the practical farmer would economize in his depredation of his manures, one third of the usual amount hauled into the field would better serve his purpose, thus saving a large amount of labor in a hurrying time of the season. Or what would be better, let him employ the leisure part of the year in procuring the necessary seasonings, for all the carbonaceous matter he can obtain, by the use of the house vat, barn cellar, factory, or some other system.

It is not designed, in this series of articles, to go over the whole ground of chemical analysis, but to give a clue to the agricultural action of the elements which enter into and compose the animal and vegetable organism.

The attention of the reader is called to the fact which never has and probably never would have been practically guessed, that the carbon, which constitutes almost the entire bulk of the manure hauled into the field, is not food, but a kind of sponge, or receiver and divisor of the other elements, and being acted upon by them, is carried forward in decomposition, or solution, to its ultimate, viz: carbonic acid.

Bangor, August 19, 1852. MARTIN MOWER.
SPEECH OF ABBOTT LAWRENCE IN LONDON.
The Royal Agricultural Society of England, had its great annual dinner at Lewes, on the 15th inst. Among those present, was the American Minister, Hon. Abbott Lawrence, who made a short speech. He said:

My Lords and Gentlemen—I have the honor of submitting to you a toast, and that toast is one of very extensive significance. It is no other than "The Agricultural Societies throughout the World." And I give it with the more pleasure because I know that the operations of the Royal Agricultural Society of England are bounded only by the horizon. I know that your premises are open to all the world. I know that my honored colleagues on both sides of me—each representing a farming country—their stock and their implements—may come here and compete with yours. I say, then, that the science which has been and is applied to agriculture in England is like all other scientific pursuits—it knows no limits. I honor this society, then, for its liberality; and on the part of my country I desire to present my thanks to you for the great benefits we have derived from your publications and experiments. (Cheers) Between our two countries there never was any reason—at least, any true reason—for feelings of alienation; and if I could have my way—I should govern and regulate matters, with the aid of my friend on the right, (Lord Palmerston,) with the kind feeling which I know to exist in the heart of another eminent individual who occupies a seat in the present Cabinet, we should never have war or even rumors of war more. (Vociferous cheering.)

ALDERNEY OR JERSEY CATTLE.
Ms. Editor.—Sometime in 1850 or '51, the Massachusetts Society for the promotion of Agriculture imported about a dozen of these animals, selected by Mr. T. Motley, Jr., of West Roxbury, with much care. Several of them have been taken by individuals, the remainder are now under the care of Mr. Motley. I had the privilege of seeing them this morning, and learning their characteristics from the person who has the direct care of them. In many respects, they are superior to any animals I have ever seen.

First—The quality of their milk. Positive assurance was given, that seven quarts of their milk would usually yield a pound of butter. This would render its quality, for this use, fifty per cent. better than most other cows' milk. For all other uses it was said to be proportionately good. Judging from the specimens we have seen, we should think this estimate worthy of credit.

Second—Their docility and ease of management. This is remarkably true of the cows and heifers. They appear as gentle and docile as kittens. No bad traits of character are discoverable in looks or actions.

Third—Their sleek, short hair, and general neatness of appearance. This is true from the smallest to the largest; there are half a dozen calves, from one to four months old, all bearing the distinct marks of the race—having the same brilliant eye, and deer-like aspect.

There were two bulls of this class, two years old last spring. These were fastened in the barn. One of them is a handsome, kind animal; the other looked as ferocious as a tiger. We learned that it was but a few months since, this animal tossed his owner several times in the air, to his great personal hazard. This, and the exhibition by Mr. Webster's German bull, at Franklin, should teach us to beware of these foreign breeds, when their character is not fully tested.

Mr. Motley has also an Ayrshire bull, four years old, as handsome and complete an animal as I have ever seen. Those wishing to raise calves, have as fine an opportunity to command blood of first quality, by calling on Mr. Motley, as can be desired. We have occasion to know that the cow furnished by Mr. Motley to Mr. Loring, of Beverly, is second to none within our knowledge. We are perfectly assured that two pounds of butter, a day, are made from her milk; and that the cream, before it is churned, is as adhesive, that it cannot be turned from a pitcher. Without doubt Mr. L. keeps this animal in the best manner; such products will justify such keeping.

If, Mr. Editor, you have never seen these animals, I should like to know how your views correspond with mine. I have spoken plainly, endeavoring to avoid all extravagance of expression. But if it be true, that the same feed, when used by a good animal, will produce products worth twice as much as when used by a poor one, then how important it is to endeavor to obtain the good ones. Entertaining these views, Messrs. Gray, Everett and Winthrop, and others associated with them, have spared no pains or money, to teach the farmers of the Commonwealth this lesson. In behalf of the farmers, I desire to acknowledge the favor.

July 24, 1852.
REMARKS. We thank our intelligent and constant friend for these brief impressions of his visit at Mr. Motley's, and for his opinions of the foreign stock. We have examined the stock of which he speaks, and embrace this opportunity to do what we intended to do at once: express our obligations to Mr. Motley for the kind attentions which we received while examining the stock and walking over his beautiful estate. Those who have not seen fine specimens of these animals, will be quite likely to consider almost any description of them as overwrought; but to those who have examined and tested them, most of the descriptions given will not appear extravagant. The verbal statements made to us by a gentleman who has imported some of the Jersey cows, fed and milked, and made the butter from their cream himself, fully corroborate all that our correspondent says. Persons engaged in dairy business will do well to give their attention to this stock of cattle. If their milking qualities are as favorable as their form and color are beautiful, they must be pre-eminently good. [N. E. Farmer.]

CLOVER HAY FOR HORSES.
I have frequently heard it observed, that horses fed for any considerable length of time on clover hay, are liable to be attacked by cough. It is also asserted that this kind of feed greatly aggravates, if it does not occasion the disease. Now there are two remedies for this, either of which, if applied judiciously, will prove entirely effectual. One is to feed from a manger, instead of the common horse rack. The common method of curing clover hay, renders the foliage so dry and crisp, that it crumbles in being forcibly drawn through the slats or rounds of the rack, occasioning a fine, almost impalpable dust which, on being inhaled, irritates the lungs, and occasions cough, &c. Another and more economical method is to cure clover hay in the proper way. By curing it in the cock, its foliage will wilt and dry without being deprived of its sweetness or elasticity, and will not crumble. This I find to be the most economical, as it enables us to save much trouble in the busy season of haying.

[Germanstown Telegraph.]
A PRAIRIE COW. A correspondent informs us that Benj. George, Esq., of Plainville, N. H., has a cow five years old this spring, which brought at one birth three calves, all of which are now living, about three months old, and doing well. Two are heifers and one a bull. He bought the cow when two years old from an eastern drover. She had a calf in May, 1849; another in 1850; a third in 1851; and the three on the third day of April, 1852. They weighed almost 100 lbs. when dropped. The cow is of middling size. Mr. George states that the first season she gave milk, twenty-seven pounds of butter were made of her milk in three weeks. The calves are now running at pasture with the cow, and are thriving, of good size, and of about the same weight, though of different color, and are for sale. [New England Farmer.]

TO MAKE MOSQUITOES LEAVE. Tie a piece of flannel or sponge to a thread made fast to the top of the bedstead; wet the flannel or sponge with camphorated spirits, and the mosquitoes will leave the room.

THE SUBSOIL PLOUGH.
There is one important consideration always to be kept in view in subsoiling; and that is, that the soil be first thoroughly drained. It should be drained one year before the operation of subsoiling is commenced, so that the cold spring water may have time to pass off from the subsoil. Almost every garden will afford an illustration of the benefits of deep culture. Trenching is a more thorough operation than subsoil plowing, as it exposes the soil to view, breaks every portion to a greater depth, and mingles the two soils more intimately. Now doubt that deep digging in the garden is profitable, and none who try it under proper circumstances will doubt that deep plowing in the field is so.

It is only a few years since the first subsoil plow was introduced into this country, and was purchased in England for Messrs. Huggles, Nourse, Mason & Co.; it cost forty dollars.

Now, superior subsoil ploughs may be had in this country for one-fourth of the cost of that in England; and they are of greater strength, for that plow was used only a short time before it was twisted so that a common observer could hardly tell for what purpose it was intended.

The subsoil plow is a valuable implement on many soils, by deepening the tillage and giving sufficient room for the descent of the roots of plants, and to promote the ascent of moisture, in dry weather.

By the use of this plow the subsoil is loosened deeply, mixed with the soil and gradually brought to the surface, where, by changes from the air, snows and frost, it becomes improved, and retains in some measure many fertilizing substances that have been lost on old lands.

Numerous examples have been given to the public, showing the great utility of this implement. Yet, in some cases, it has been reported that there was no perceptible advantage from its use, while in other cases, the crops have been increased fifty per cent.

Where no advantage has been found from the operation of subsoiling, the cause may undoubtedly be traced to the want of proper preparation of the ground by draining. [N. E. Farmer.]

THE PELL OR RIND OF FRUIT INDIGESTIBLE.

This fact cannot be too strongly impressed upon the public. It applies to all fruit without exception, and includes also the pellicle or skin of kernels and nuts of all kinds. The edible part of fruit is particularly delicate, and liable to rapid decomposition if exposed to the atmosphere; it is, therefore, a provision of nature to place a strong and impervious coating over it, as a protection against accident, and to prevent insect enemies from destroying the seed within. The skin of all the plum tribe is wonderfully strong compared with its substance, and resists the action of water and many solvents in a remarkable manner. If not thoroughly masticated before taken into the stomach, the rind of plums is rarely, if ever, dissolved by the gastric juice. In some cases, pieces of it adhere to the coats of the stomach, the same as wet paper clings to bodies, causing sickness and other inconvenience. Dried raisins and currants are particularly included in these remarks, showing the best reasons for placing the fruit upon the chopping board with the meat in making a pudding of them, for if a dried currant passes into the stomach whole, it is never digested at all. When horses eat oats or beans that have not been through a crushing mill, much of this food is swallowed whole, and in this state, being perfectly indigestible, the husk or pellicle resisting the solvents of the stomach, there is so much lost to nutrition. Birds, being destitute of teeth, are provided with the apparatus for grinding their seed, namely, the gizzard through which the seed passes, and is crushed prior to digestion. The peels of apples and pears should always be cast away. Oranges we need not mention, as this is always done; should be carefully skinned, if eaten raw; and if put into tarts, they should be crushed before cooking. Nuts are as indigestible as we could desire, if the brown skin be not removed or blanched, as almonds are generally treated. [Ex.]

LARGE EGGS.
As some of our readers may have the curiosity to learn what can be done in the production of eggs, we copy from time to time accounts of great doings among the feathered tribe.

The Whitehall Chronicle has the following: "WHO BEATS THIS. We are shown a hen's egg, brought from the poultry yard of Dr. Wolcott, of this village, measuring 8 inches in its largest, and 6 inches in its smallest circumference. Whereupon a writer in the Whitehall Gazette tells the following:

"Ms. Editor: I am willing to admit that the egg referred to above is a large one, but I have a Royal Cochon China pullet, now above ten months old, which weighs pounds, that lays, daily, a larger egg than can be produced from any other poultry yard in the country. I have since reading the above, measured six of the large eggs laid by this pullet, and find that as the smallest of the six measures full as much as the one belonging to Dr. Wolcott, and the two largest measure respectively six inches in the smallest and eight inches in the largest circumference, the Doctor will have to own himself beaten. I will, in conclusion, challenge Dr. Wolcott, or any individual in the country, to produce a hen of the same size that will weigh so heavy, or lay as large an egg, or as many of them as the one I have in my possession."

The Jefferson Farmer has also seen a big egg, although not quite equal to what the hens can do in Washington County. It says: "Mr. O. Dimick, of our town, has shown us a couple of hen's eggs, from his poultry yard, that are a large specimen of eggs entirely. One of them measured 8 inches around the centre, and 7-8 longitudinal. Mr. D. says his hens are native or common fowls, but these eggs are of uncommon size, whatever the size of the hen. Pretty large eggs for a dry season."

FOOD FOR SICK ANIMALS. The American Veterinary Journal states that an excellent diet for sick animals, is simply scalded shorts. When a horse has taken cold, with discharge from the nose, the mash may be put into the manger while hot, with a view of steaming the nasal passages.

Cooper once plucked a certain governor by attributing the disease in the potatoes to the "moralification" they felt at seeing so small a member of their family in the gubernatorial chair!

EFFECT OF IMAGINATION ON COWS.
It is well known to all breeders that try as much as possible to get a pure and well marked stock—now and then a singular exception will occur to throw all their notions and principles into confusion. Several theories have been brought forward to account for this fact. One is that in the various crossings that have taken place, some peculiarity of a forgotten ancestor, after having lain dormant for several generations, has reproduced itself. This is admitted as an undoubted principle in human physiology, and without it sad work would sometimes be made in families. We have in our mind, a family where both the parents are of dark complexion, black hair and eyes, and where one of the children has red hair and light blue eyes. This seeming anomaly is made to be a plain affair, when we know that in the mother's family one of the parents was possessed of a red head with blue eyes, and a portion of the children had a similar complexion. The same principle holds good of diseases. Certain hereditary diseases may not be visible in an entire generation, and yet make their appearance in the next generation.

Another theory, by which these exceptional products are accounted for, is that if a cow or mare have young by any particular male, the young while in the womb and possessed of a nature, constitution and peculiarities similar to and derived from said male, produces a change in the nature, blood, constitution &c., of the female, to such an extent, that in any after connection with a different male there is a liability that the taint of the original impregnation may manifest itself in those succeeding. Facts, apparently uncontested, have been brought forward to sustain this position. That all the results as yet witnessed, not assignable to the first theory we have mentioned, may be to another, should "give us pause" from any haste to adopt the notion.

The third theory to which we have alluded, is the effect of imagination on the mother.

That this is a powerful force in the human race, cannot in the least be doubted. Too many well authenticated instances of monstrous births, as the result of excitement to the mind of the mother, have been recorded in scientific works, to admit of a doubt. Every one has some instance of this kind in mind.

The imagination of the brute is lower in the scale, as regards power of extent, or quickness of action—but is not different in every essential particular. Hope, fear, love, friendship, disgust &c.—are as really properties of the mind of brutes as of the human mind, and may be expected to produce the same effects.

The memorable instance of the bargain between Laban and Jacob, relative to the division of the herds is in every mind. Jacob was to have as the wages of his labor, all the "ring-streaked and spotted" of the cattle, or the brown sheep of the flocks. Laban, an avaricious and selfish man, immediately removed every animal that possessed these peculiarities from the flocks and herds, and gave them to his sons and put under Jacob's charge only those that remained. Jacob resorted to influence over the imagination, to secure for himself a fair return for his labors. He "looked rods of green poplar, and of the hazel and chestnut tree and piled white streaks in them, and made the white appear that was in the rods." He placed these rods by the brook, or the gutter of the watering trough when the flocks came to drink, "that they should conceive when they came to drink." To show clearly that the effect produced was through the eye and mind of the individual operated on, it is remarked, "And it came to pass whenever the stronger cattle did conceive, that Jacob laid the rods before the eyes of the cattle in the gutters, that they might conceive among the rods. But when the cattle were feeble, he put them not in, so the feeble were Laban's and the stronger Jacob's."

An instance is recorded that a pure blooded polled cow was served with a pure blooded red bull. During the day however, she had been with a red and white horned ox. The calf produced was red and white, and horned.

An instance was related to us as having occurred on the Manchester City Farm. A red cow was served with a red bull. Afterwards the cow was with and had quite an attachment to an ox peculiarly marked with white. The calf was marked with white as was the ox.

We need more careful observations relative to the results of breeding. There can be, however, no mistake in saying that all breeders should seek out the best animals from which to breed. By best animals we do not mean the best accidental animal, but one who has been closely bred for some years. [Granite Farmer.]

SELF-OPENING RAILROAD GATE. Few branches of human interest offer greater latitude for improvement than those connected with railroads. Every day suggests some new object suited to render traffic along the lines of travel safer and easier, and then the wonder is that it was never so conceived before. Thinking thus, we are pleased to notice that Mr. E. P. Carter, of Yorkville, N. Y., has secured a patent for a Self-Opening Railroad Gate. It is simple in its construction, easily applied to the track, cheaper than a culvert, and safer. A set of gates has been tested on a side rack of the New York and Erie railroad, at a station 65 miles east of Dunkirk, and are represented as having worked to a charm—so easily as to open equally to a hand-car at four miles an hour as to a locomotive at forty miles. This gate is at the same time so formidable as to head off cattle of any kind that may course along the track. The inventor is preparing engravings and descriptions in full, and will then test its utility before any railroad company whose interest and public spirit may prompt them to add to the safety of railway travel.

TO PREVENT A COW FAILING IN HER MILK. Wash the cow's udder and teats with pure cold water before milking, and then milk her morning and evening as dry as possible; negligence in this latter precaution is one of the causes of cows failing in their milk. The cow should, if possible, be always milked by the same person, and while the process is going on the same quantity of hay should be placed before the animal. This furnishes employment for the jaws, and draws her attention from what is going on, and the milk is in consequence yielded freely. [American Veterinary Journal.]

AMERICAN TROTTERS IN FRANCE.
A correspondent of the Spirit of the Times gives a loose translation of a very funny description of trotting horses and the vehicles before which they disport. It is as follows: "There was a time when people only talked of English carriages and horses. We must still talk about them in English because the United States of America have not gone to the expense of a language of their own; but it is the American horses and carriages that now claim the notice of the turf."

At first sight, the American horses have nothing to distinguish them from other horses—the same allowance of head, tail and legs, they have only the reputation of being born trotters. They trot as poets make verses—without meaning it.

To make their horses trot, the Americans have invented a species of vehicle marvellously well calculated to break the neck of whoever uses it.

The vehicles are composed of three things—a seat and two wheels. There are, also, in the seat two shafts, springs, and some other details of coachmanship, but they are there only for the look of the thing, and out of respect, as it were, to the traditions of the art.

The seat, which occupies the centre of the American structure, is raised upon four iron bars; it is nearly round, and you can just sit upon it. It is nearly like being on a sawing without a back.

The wheels are simply extravagant. They are tall as a poplar and slender as a rose bush. Seat, wheels, and all, weigh just nothing. A sudden blast would carry it away. If old Eolus were alive still, he would have something to amuse himself with.

When the concern is finished the Americans introduced a horse between the shafts and go ahead! In such outshell affairs the Americans make, they say, eighteen or twenty miles an hour—they do not go by, they disappear—you see them once and no more. Three or four of these equipages have already appeared on the Champs Elysees, driven by light haired gentlemen, whom long practice has enabled to remain in equilibrium on their aerial seat.

But the Americans, who blow up in a steamboat or railway, whenever they take a trip into the country, are not so careful of their persons.

The three or four inhabitants of the New World, who astonish Paris by the daily spectacle of their rashness, expect a dozen of their compatriots similarly provided and mounted. In a few days more, the Champs Elysees will be furrowed by streaks of lightning, four-in-hand, on two wheels.

DISEASES OF THE SEASON—THE USE OF FRUIT.

There were formerly certain undefined complaints during the latter part of summer, familiar to everybody in New England, termed diseases of the season, of which many died, and of which fruit was generally supposed to be the all powerful cause. A greater mistake was never made by an intelligent community, than to suppose that apples, pears, plums, peaches, berries, melons and the like, when fully ripe, are injurious, and to individuals who fall below the standard of sound health, or to the more stragglers and robust. It is a misfortune that fruits are so dear that the poorest people cannot have that of the best quality, and sometimes can have none at all. As all the laws of nature are harmonious, and one never conflicts with another, it is very certain that fruits were wisely intended as an essential part of the food of man, particularly at the season when they are ripe. It is necessary to exercise reason in the use of them as in everything else.

If we eat that which is decayed or crude, it is a violation of a physiological law; and so also is a total abstinence from them when seasoned plentifully to the land. Fruit, therefore, may be considered necessary to the maintenance of health, and its free consumption should always be encouraged. Those who cannot obtain the good, often ravenously devour the unwholesome, from an instinctive desire implanted in their nature. To the abuse, and not the proper use of fruit, may be charged the occurrence of what are called the diseases of the season.

[Boston Medical and Surgical Journal.]

STEWED VEGETABLES.

The following recipe for cooking vegetables we find in the "Cook's Own Book":
STEWED CARROTS. Scrub and wash your carrots. Soak them in boiling water; then drain them and cut them into long slips. Stew them in milk or cream, with a little salt, pepper and chopped parsley. When done, take them out, stir into the sauce the yolks of one or two eggs, and a little sugar, and pour it over the carrots.

STEWED BEETS. Boil some beets. Then peel and cut them into slices. Stew them for a quarter of an hour with a piece of butter rolled in flour, some onion and parsley chopped fine, a little vinegar, salt and pepper, and a clove or garlic.

STEWED CABBAGE. Having washed your cabbage, cut it in four, and throw it into boiling water with some salt. When it has boiled tender, take it out, squeeze out the water, and put the cabbage to drain. Then lay it in a stew pan with butter, salt, pepper, nutmeg, a sprig of flour, and a half pint of cream. Stew it a quarter of an hour, and pour the cream over it when you send it to the table.

Cauliflowers may be stewed in the same manner.



R. EATON, Proprietor. I. E. HOLMES, Editor.

AUGUSTA:
THURSDAY MORNING, AUGUST 26, 1882.

MUD BRICK HOUSES.

We occasionally have enquiries about the success of mud brick houses—or, as some call them, clay houses; and in Mexico they are called *adobe* houses. We cannot answer the question from any knowledge we have from actual inspection, for we do not know of one in our neighborhood. We have heard many suggestions made in regard to them, and have received, first and last, many enquiries about them and often publish such directions as we could obtain from different resources; but we believe no one in this vicinity has built one.

It has generally been thought that our climate was too much liable to extreme changes—that is, we have, in the course of the year, extreme cold and extreme heat, and it is feared that a wet, cold winter would be injurious to this kind of structure. We are informed, however, that in some parts of Canada they have been built, and now if they will succeed in Canada, they will in Maine, that is a sure case.

A year or two ago, a writer in the Rural New Yorker, under the signature of I. H., gave some particulars of the mud brick houses that have been built in Geneva, New York, and recommends them very highly. He says that he has constructed one himself, and lived in it for years, and finds more good qualities combined than it is possible to find in any other kind. It proved warm in winter and cool in summer. The walls were never damped—afforded no harbor for vermin—required no lathing, the walls being ready to receive the plastering both on the inside and outside. The base boards and window casings were nailed to the bricks, and the nails held as well as if driven into pine timber.

He gives the following directions for mixing the clay and making the bricks, which he says two common laborers can make two hundred per day. The clay is prepared in the following manner:

A circular pit about twelve feet in diameter, should be dug two feet in depth, and a floor of rough boards placed over the bottom. This is then to be filled with clay, and a small admixture of loam or sand and water is then added to moisten the batch.

A yoke of oxen are then driven into the pit, and driven round until the clay becomes free from lumps. Then six bundles of wheat or rye straw should be cut in lengths of about six inches. This is then to be scattered over the batch of mud, keeping the oxen moving at the same time, until the two are thoroughly incorporated.

A table is then placed by the side of the pit, and while one man shovels out the mud from the pit, another fills the moulds. To make the bricks square, it is necessary to fill the corners first, and dash in the mud—this makes the bricks solid.

A yard should be prepared as any brick yard, by being leveled and sanded, and the bricks placed upon it and sanded over them to prevent their drying too fast and cracking. The moulds are inserted into the mud, one foot wide and six inches deep. An aperture is left in the end of each mould to admit air, which will allow them to slip out more easily. The moulds are wet and sanded on the inside to prevent the clay sticking to them. These bricks are then bricked in drying as you would manage any other bricks. As they shrink much in drying, they should be thoroughly dry before being put into the walls—when perfectly dry they may be used. The same kind of mortar may be used for laying them as is used with burnt bricks.

He recommends the following precautions in building: Elevate them well from the ground, so that no moisture can reach them from the earth by capillary attraction. No base should project in such a manner as to prevent the water running off. The mortar for plastering the outside should be of the best materials. Good coarse, sharp sand, not too much lime, and if at any time it should cleave off, it may be permanently attached by driving in a few good sized nails, with flat heads, and then plastering over the nails, each of which will hold six inches square of the plastering.

The above directions are very simple, and he says such houses can be built at half the cost of brick, stone, or wood, and every laboring man can build his own house.

FIREMEN'S VISIT.

On Wednesday last week, the Pioneer Engine Company, No. 1, of Biddeford, paid our city a visit. They came down from Waterville in the "Old Zack," and were received by the Pacific, No. 4, of this city. A collision was provided for them at the Stanley House, by the Pacific, and the feast was enlivened by speeches from members and officers of both companies.

FIREMEN'S VISIT. We learn that Casco Engine Co., No. 1, of Portland, will visit this city on Friday and Saturday, September 10th and 11th. They will be received by Atlantic Company, No. 3, of this city. Preparations are being made to give them a warm reception, and the Atlantic boys are determined to show that they have not forgotten the hospitalities so freely extended to them on their visit to Portland, on the 5th of July.

PRIME BLACKBERRIES. We acknowledge the receipt of some splendid blackberries from the garden of J. W. North, Esq., of this city. Mr. North about two years ago, set out some of our common, wild, high blackberries, from the fields in his garden, and these were the fruits from them. They are greatly improved by cultivation.

WEST LINCOLN AGRICULTURAL SOCIETY. We have received a copy of the proceedings of the West Lincoln Agricultural Society, from their meeting held at Lewiston on the 21st inst., which we shall publish next week.

ANOTHER EXCURSION. There will be another excursion from this city to Portland and the Panoram on the "Seven Mile Mirror," about the 7th of next month. The rush at the excursion of last week was so great that a large number had to stand back until another day.

BONNEY CONVICTED. Horace Bonney was convicted before the Supreme Court, last week, on an indictment for passing counterfeit money. He was also convicted on two other indictments, last spring. Exceptions have been taken, and the case will be continued.

ABSOLUTE AND BATTERY. On Friday last, a Mrs. Haskell was committed to the jail in this city, for twenty days, for beating her husband, thereby proving herself most indisputably the stronger, if not the "better half."

EDITOR'S TABLE.

GODEY'S LADY'S BOOK. Godey for September is received. It contains the usual number of plates, and the contributions, as usual, are of a high order. Godey evidently tries hard enough to keep in the front ranks of literature, and his efforts should meet with encouragement.

GRAHAM'S MAGAZINE. Graham's Magazine for September is rich in embellishments and literary matter. The leading engraving, a beautiful steel plate, "The Memento," is a fine picture. The contributions are good, and, in short, Graham has issued a good number for September.

PORTLAND ADVERTISER. On making a *scissors-or-al* demonstration towards our old friend, the Advertiser, we were struck by the neatness of its dress, and the change for the better in its appearance which has taken place within a short time. The new dress looks very neat and tasty, and we are glad to see such a proof of prosperity on the part of our neighbors.

YANKEE BLADE. Mathews has done it, at last. New volume, new head, new type—all new throughout—and a much better looking dress than the last one. Why, William, your old acquaintances, *down East*, will not know you. But they will not be long in finding out that the old Blade has been newly ground and polished, and will now cut keener than ever. Glad to see that you do not, like some of the craft editorial, "cut" your friends, when they have helped to bring you to the notice of the public. Good luck to you, William, and may you be bothered with a plenty of paying subscribers.

THE FAVORITE. This magazine for August is well calculated to please the little folks, for whose especial benefit it is published. Each number is handsomely illustrated, and is a very suitable present for a young child. Terms, one dollar a year. Published in New York.

UNIVERSAL LIBRARY OF LITERATURE, AND ILLUSTRATED MIRROR OF THE WORLD. Our enterprising townsmen, E. B. Simonton & Co., have just published a large royal octavo volume with the above title. It contains nearly 500 pages, and is edited and compiled by Walter Percival, A. M. It is a beautiful and interesting work, published with large, clear type, embellished with 350 engravings, and contains a great amount of interesting and instructive matter.

ROBBERIES. The "light fingered gentry" are growing very bold of late. We can scarcely take up a paper without finding an account of some new exploit of these fellows. Some of the papers appear to hold the belief that there is a regularly organized gang of burglars, extending throughout the State, and from the numerous burglaries recently committed, there would seem to be some foundation for the belief. The Biddeford Journal of last Saturday gives the following account of a robbery in that place:

The store of Messrs. Fisher & Seigman, in this town, was broken into on Tuesday night, and the contents of the store, including silks, shawls, linens, alpaca, &c., taken to the value of ten or twelve hundred dollars. A reward of one hundred dollars is offered for the detection of the thief, or recovery of the goods. These young gentlemen are very worthy citizens, attentive and enterprising in their business, and they have the universal sympathy of our citizens in their misfortune. It is sincerely to be hoped that the dastardly villain who thus by wholesale robbery industry of his patient earnings, may be brought to justice.

COMPLIMENT TO TORONTO.

The editor of the Portland Inquirer passed through Toronto, Canada West, not long since, while on his way to Pittsburgh, and thus discourses on the beauty of the Canadian city:

"It is a noble, beautiful city, located on an excellent site rising a little above the Lake. Admirably laid out in regular order, its street crossing at right angles, broad and with good sidewalks. Its buildings are neat, and many of them magnificent; its parks liberal, and constituting dense forests; its churches stately, and its 'Made School' buildings are not equalled by any of the kind on the continent, though yet unfinished.

The city is rapidly increasing—its resources are now great, and prospectively vast. Toronto must become one of the great cities of the west."

SABBATH SCHOOL EXCURSION. On Friday last, the Unitarian Sunday Schools of Bath, Brunswick, Hallowell, and one or two others on the line of the Kennebec and Portland railroad, made an excursion to this city. They were received at the depot by the Unitarian Sunday School of this city, and marched over to "Greenwood Church," where they had a picnic, listened to addresses from Rev. Mr. Judd, and some other gentlemen, sang, and had "a good time generally." At about 4 o'clock they took the cars and started on their return home.

EXCURSION TO PORTLAND. On Thursday last an excursion train, for Portland, left this city, conveying some 500 or 600 persons. The excursion was got up by the proprietor of the "Seven Mile Mirror," and those who went had the privilege of visiting the Panoram. The day was fine and the ride must have been very pleasant. We understand that arrangements are being made for another excursion, of which due notice will be given.

FIREMEN'S VISIT. We learn that Casco Engine Co., No. 1, of Portland, will visit this city on Friday and Saturday, September 10th and 11th. They will be received by Atlantic Company, No. 3, of this city. Preparations are being made to give them a warm reception, and the Atlantic boys are determined to show that they have not forgotten the hospitalities so freely extended to them on their visit to Portland, on the 5th of July.

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MELANCHOLY EVENT.

We learn that Mrs. Stoddard of Farmington, in a fit of insanity, attempted to drown herself and her two youngest children. Mrs. S. has been an inmate of the Hospital in this city, but for some months past has been so far recovered as to have the charge of her domestic affairs. The Farmington Chronicle gives the following particulars:

On the morning of the melancholy occurrence, her husband left on business for Boston, his wife showing no more symptoms of insanity than for months previous. Soon after noon she was seen to pass through the village to Mr. Stoddard's residence, but no one suspected anything unusual in her movements. It appears she went directly to the river, a distance of nearly one-fourth of a mile, and immediately threw herself and children in, as the alarm given by the cries of the children was drowning." She was brought to the village by Nathan F. Backus, one of the boys who were bathing near by. She was first discovered, through the screaming of the oldest child, by a boy of Mr. Dorell, some dozen years old, who was fishing the river a few rods above her, on his way home from the village where he had been sent on an errand by his parents. The clothes of the mother, it seems, prevented her from sinking to the bottom, by consequence her little boy was fending her, by clinging to his mother, was able to keep his head out of the water. Just above where young Dorell was fishing, and within view—but not in sight of Mrs. Stoddard and children, the scene of the tragedy took place. The three boys of the village, named Williams, Whitney and Backus, in bathing. On hearing the child scream, and seeing it in the water some few rods below him, the Dorell boy immediately gave the alarm to the boys above. The life of the mother was saved by the timely arrival of the boys, who were promptly on the spot to rescue the drowning ones. Finding the water too deep to go to them in person, Williams poured a pole near by long enough, by fording in as far as he could, to reach beyond them, and thereby drew them near enough to get hold of the woman's clothes, by which she and the children were drawn to the shore—the mother clenching the infant in her arms in a sort of drowning grasp, and the little boy holding fast to his mother. So, therefore, before help came from the village, these boys, with more presence of mind than is usual in persons of more mature years, had skillfully placed the mother and her children on the shore—thus, however, to save the life of the infant. The woman was so nearly drowned as to be helpless for some moments. The boy had suffered less.

THE CAPITALS I AND J.

We wish that our correspondents would read the following, which originates in the Ohio Teacher, and profit by it. Nothing is so troublesome to the compositor as the constant recurrence of these capitals in "copy." In some writings it is absolutely impossible to distinguish between them. We endorse the remarks of the Teacher on our hearty approbation. Make your J's extend below the line, gentlemen, and omit the flourish, which is like the quill in a pig's tail—more for ornament than use. But we will let the Teacher speak for itself.

"We do sincerely wish, that by a convention or some other process, the English literary world would determine and establish the difference in form between these two letters. I do not remember in two years an instance of the use of the I in a proper name, that I have not found it printed a J, and had to correct it. It is a source of great annoyance to the publishers, and a charge to the parties named.

The difficulty should be corrected in the common schools, where the proper distinction should be taught and enforced, however detrimental to artificial beauty which consists in 'flourishes' alone."

UNNECESSARY TROUBLE.

The Old Colony Memorial has the following notice, viz: "We understand the sheriff and his posse will be on the must field at East Bridge-water, on Thursday and Friday next, to preserve order."

Now, we have a better method than that to keep order on musters, and one which is not only perfect in accomplishing the thing, but suits the people and saves thousands of dollars to the State and the community. It is this: *Send no soldiers on to the muster field.* Since our legislature abolished the old-fashioned "military system," we have no "trainings" nor "musters," and the people stay at home contentedly, and mind their own business, and of course the sheriff and his posse are not called to "preserve order."

A BIG CALF.

FRIEND HOLMES:—The more big calves that are raised in Maine, the better for the people. So I thought, the other day, when looking at a couple in the process of raising by Mr. George Couch of Hallowell, one of which will weigh quite four hundred pounds at four months old. Before our Fayette friends talk about their big calves, they had better take a look at this one.

NOTE. Mr. Calvin Sawtelle, of Sidney, has a steer calf, which, when a few days over three months old, weighed three hundred and seventy pounds. It is a speckled or speckled one—being about half white. Mr. S. would like to get a mate to him, or dispose of him to some one. Since writing the above, Mr. Sawtelle has weighed his calf again, and finds that he weighs four hundred and forty-eight pounds at four months and ten days of age. Pretty good, that.

REQUITTING. Last Thursday afternoon we had quite a shower. It was much needed, as we have had no rain of any consequence for some time. The dust, which was very troublesome, had been laid for a short time, but the present dry weather will soon bring it on again as bad as ever.

BASKET OF CURRANTS. Our friend F. Wingate, Esq., regaled us and the P.D.'s with a basket full of excellent currants last week. Mr. W.'s garden is prolific in fruits and vegetables. He dresses his land high, and plants so closely, that the weeds can't have room to grow.

MUSICAL INSTITUTE. The Franklin Musical Institute will meet in New Sharon, on Tuesday, Sept. 14, and continue four days, under the instruction of D. F. Baker and L. H. Southard, of Boston. The terms of admission will be, for gentlemen, one dollar; ladies, free. Clergymen are invited to attend, free of charge. A concert will be given on Friday evening.

JENNY LIND. A London correspondent of the *Inverness Courier*, in describing what he saw at the Opera, writes:

"Of Jenny Lind, too, I had that evening a glimpse. She is a creature of her former self; I could hardly have recognized her. She looks pale, worn, and haggard, in bad spirit and bad health; and, as she sat, the centre of a hundred opera glasses directed upon her, there was one wondering and sympathizing murmur throughout the vast building."

GATHERED NEWS FRAGMENTS, &c.

Craigie's Bridge. The work of the reconstruction of this bridge is going forward rapidly. On taking up some of the timbers which were found with planks and dirt, and the edges of which were stained with a red color, they were found to be in a perfect state of preservation, and nearly as good as new. They were placed in the bridge at the time of its construction, and were again used in the present repairs.

Mormonism in the Mediterranean. The *Millennial Star*, a Mormon paper published in London, states that Mormonism is making great progress in the island of Malta. The same paper says many thousands of Saints will leave England for Utah ere long.

A Seasonal Heaven. A Hottentot once got up a pair of Heaven. It was enclosed with a fence made of *sausages*, while the centre was occupied with a fountain that squirted *pot pie*.

Resignation. A very worthy and respectable gentleman from Portland, who occasionally takes a "smile," was asked by a friend, how he managed to get along where the Maine Liquor Law was so rigidly enforced.

Arrest of a Mesmeric Physician. Samuel L. Hamblet, a "mesmeric physician," has been arrested in Lowell, on a warrant from Brunswick, Me., charging him with having obtained in that place the sum of \$250 under false pretences, by making a disreputable charge against a citizen of Brunswick, and extorting the same sum to keep it secret. He was taken to Brunswick for trial.

A paragraph for tobacco chewers. The Lancaster (S. C.) *Lodger*, says that C. M. Heath, of that district, aged 47 years, just chewing tobacco on the 20th of May. His weight at the time was 138—on the 25th of June he weighed 153—gain in five weeks 15 pounds. He also states that he has been free from nervous headache that constantly attended him while in the habit of chewing.

A big lump. The Bangor Whig says, there is exhibited at the window of one of the stores in that city, a large lump of pure gold, that was dug in California. It weighs 80 ounces, and is valued at \$1600. Such lumps are exceedingly rare, even in the land of gold.

A pretty fancy. Longfellow in his prose tale of 'Kavanagh,' calls Sunday the golden clasp which binds together the volume of the week.

Paper. At Mechanic Falls, Drake & Mitchell have lately put in operation an extensive paper-mill, which gives employment to about twenty hands, male and female. They manufacture about 9000 lbs of paper per week, for which they find a ready market.

A good reason. A woman in Sandusky City, Ohio, buys and eats cucumbers in cholera times, because they are so much cheaper than in healthy times.

A magnificent hotel. The Metropolitan Hotel, New York, just finished, is the most splendid on the American continent. Its mirrors cost \$18,000, silverware \$14,000, carpets, drapery, linen, etc. \$10,000, cabinet furniture \$50,000, the whole coming up to \$150,000. The building cost \$500,000, the land \$300,000—total \$800,000.

A fortune for some one. It is stated that the late Jacob Bell, of New York, the extensive ship-builder, left a fortune of \$700,000, without any will or directions for its disposition.

Bust of Calhoun. A bust of the late John C. Calhoun, executed by Hiram Powers, the American sculptor, now in Florence, and carved from the purest Italian marble, is now on exhibition in one of the basement rooms of the Capitol.

Heavy crops. It is calculated that East Brook-lyn raises about fifty wagon-loads of white-headed chert to the acre—besides a considerable few of red-top.

Statistics of Ship Building in New York. It is computed that 68 vessels, of the aggregate measurement of 52,255 tons, and aggregate value of \$5,546,500, have either been built during the past year, or are now being built in the ship yards at this port. Of the whole number of vessels, 44 are steamers, 12 ships, 1 barque, 9 schooners, and 2 pilot boats.

Death of the Widow of Gen. Taylor. A telegraphic dispatch from New Orleans states that Mrs. Taylor, widow of our lamented President, died at Pascagoula, Miss., on Saturday night, the 14th inst.

Negro Stealers caught. The *Easton Md.* Gazette states that four men living in Delaware near the Maryland line, have been detected in enticing away slaves and afterwards arresting them, in order to secure the reward. Of this they made a regular business, and have probably been instrumental in securing for the unfortunate negroes many a sound thrashing.

Was for sealing California letters. The Postmaster General again cautions the Public against the use of wax seals on letters which are to cross the Isthmus, as the wax is liable to melt.

A true saying. Emerson was right when he said, that when men go abroad because they are nothing at home, they generally come back because they are nothing anywhere else.

The potato disease. The N. H. "Granite Farmer" has been informed by a gentleman from Concord, N. H., that, digging a few hills of his Chennagoes the other day, he discovered that many of them were badly affected with the potato disease.

Cholera in Indiana. The *Vincennes (Ind.) Gazette*, of the 11th inst., says: "We have information from Bonpas, a few miles southwest of Lawrenceville, which states that about forty deaths had occurred from cholera since the disease made its appearance in that neighborhood."

Nagara Suspension Bridge. It is stated that the contracts for constructing the second suspension bridge over Niagara river have been given out. The bridge is to be built but a short distance above the present one, and sufficiently strong to carry trains of cars.

Hotel accommodations. A New Hampshire editor, in puffing a village hotel, says that a new toilet brush has been supplied for the wash room, attached to a strong iron chain, so that the public will always be accommodated in that respect.

Great sport. The Chicago Journal says that a few days ago a couple of sportsmen returned from a hunting excursion, having bagged one hundred and fifty prairie chickens in a day's shooting.

Robbery of a church. The Unitarian church in Canton, Mass., was broken open some time last week and robbed of seventy-five yards of carpeting, a double bass viol and a damask cushion to the pulpit, with cords, tassels, &c.

"He never made his mother smile." What a meaning and unique expression was that of a young Irish girl, who was rendering testimony against an individual in the New Orleans court, a short time since. "Arrah, arr," said she, "I'm sure he never made his mother smile!" There is a biography of unkindness in that simple sentence.

Indian depredations in Mexico. The Indians have committed new depredations in the state of Zacatecas, murdering and robbing defenceless inhabitants.

Drought in the West. The Illinois and Indiana papers complain much of a want of rain in those States, and say that in some sections, the corn and potato crop will be almost a failure.

Gold in South Carolina.

Wm. B. Doane, Esq. of Abbeville District, S. C., has a gold mine on his farm from which he has taken since the 1st of March last, the sum of eighty-four thousand six-hundred and a half pwt. of gold, with only eight hands, and a small creek mill, propelled by two mules, which only pulverizes about fifteen bushels of ore per day.

Property in Providence, R. I. The taxable property in Providence, R. I., as just assessed, is \$33,699,000, being an increase of \$919,700 over last year. It is one of the richest cities in the Union, in proportion to its inhabitants.

Significant. Letters from Paris say that the new five-franc pieces, bearing the effigy of the President, have almost all been cut across the throat as soon as issued. One can scarcely be found that does not bear the attestation of the good wishes of the public of Paris for their savior!

Money for the "old country." The hired girls of Pittsburgh, Pa., have sent \$35,000 to the old country during the past six months, to enable their relations to come to this country.

Balding & Co., of Boston, are advertising black teas extremely low, and if the quality is at all what we should expect it must be, our stores would do well to lay in with them as the demand exists here, there, and everywhere, for good Ningyong Tea, at thirty cents the pound. These, it must be borne in mind, are temperance times, and if we don't drink one thing we will another. We refer the readers, however, to the advertising columns.

Hay Crop in Connecticut. The New Haven Palladium says that in that region there is hardly hay enough to pay for mowing. The grass is thoroughly dried up.

SABBATH SCHOOL PICNIC EXCURSION.

On Wednesday last, by invitation, the several Sabbath Schools in Monmouth, with their friends, about six hundred in all, with trunks, boxes, and bags, well filled with cashes, made their first annual excursion to West Waterville, where they safely arrived in good season. Having a little time to spare, leaving the freight and leaving a few to assist in providing for the wants of the inner man, they passed on to Waterville, but had not the opportunity of looking about that beautiful village. Returning, they were received with a hearty welcome by the Sabbath Schools and citizens of West Waterville, and escorted in procession to a handsome grove, where tables, sufficiently large to accommodate all, loaded down with a well selected variety of food, seemed fairly groaning to be relieved. All hands were filled with a generous sympathy, and sat themselves at work with right good appetites. Having finished this important part of the business in a satisfactory manner, and apparently to the first-rate satisfaction of a number of volunteer friends for the occasion, an hour or two was spent in listening to addresses from several gentlemen, upon the utility and benefit of Sabbath Schools. The remainder of the time was occupied in visiting their pretty waterfall, in promenade the village, and in one way and another, until five or six o'clock, when the "iron horse" being ready for a start, all betook themselves to the cars, and started for home, arriving in good season, without harm or accident. It was an excellent picnic, well conducted and orderly, and well calculated to arouse attention towards Sabbath schools. Great credit is due to the people of West Waterville for their kindness and whole-some hospitality. To them meanness is a stranger. Should they get up an excursion, at any time, Monmouth will be glad to receive them, and have it in their power to reciprocate favors.

Monmouth, August 21, 1882.

FROM HAVANA.

United States mail steam ship Crescent City, Lieut. Commanding D. D. Porter, U. S. N., from New Orleans and Havana, (where she remained 21 hours,) in six days and eight hours a running time from the Bar—the quickest time on record—arrived at this port at an early hour on the morning of the 19th inst. They are under obligations to Purser Smith for papers and memoranda. The Crescent City brings 130 passengers, 40 of whom are from Havana.

The advices from Havana are interesting in a high degree, and seem to portend another outbreak of intense excitement, and the people are on the alert. The people of the Crescent City, and great numbers of the Creoles were daily thrown into prisons that have remained unoccupied for twenty years. The most lawless dungeons were put in requisition for those to be looked upon as leaders of the conspiracy.

Pronouncements and other revolutionary documents of the most violent stamp are scattered broadcast over the country, and find their way into every house. The papers emanate from a secret press, and are distributed with a skill and secrecy that give evidence of a well organized conspiracy, which as yet, laughs at the efforts of the police to discover its hiding place. The government is completely at fault, and baffled by the extraordinary precautions taken by the conspirators, each day take new measures to counteract their influence. Their exciting publications are seized and destroyed wherever found. The most vigorous searches are instituted, and many innocent persons are made to suffer, almost every creole family being under the surveillance of the police, and spies being employed in every quarter. Female privacy even is disregarded by the Government emissaries, and altogether a most unhygienic state of things prevails.

The *Diario de la Marina* make no mention of these events as if they had not taken place. The Government use all endeavors to keep the proceedings secret, but without avail.

Apart from political excitement, the city of Havana is shrouded in gloom. Yellow fever, cholera and small pox prevailed to a great extent, and almost every ship in the harbor had company of the fever. Out of one company of 120 soldiers 110 had died, and in a chain gang of 109 there died 100. The Government was sending out troops to the country. The sickness was chiefly outside the walls of the city. Further advices will be looked for with intense interest.

[N. Y. Courier.]

LARGE SNAKE FAMILY. A few days since, as Mr. S. H. Perkins was mowing, near Rocky Pond, so called, in the western part of Hollis, he was attacked by a huge water-snake, which sprang towards him, following him to some distance, lashing the ground with his tail, and hissing fearfully. With some difficulty Mr. P. succeeded in transfixing the snake with his scythe, and finally despatching it. This snake measured four feet in length and fifteen inches in circumference. After removing the scythe, Mr. P. found the snake crawled from the wound, averaging some more than six inches in length.

Within a short time Mr. P. has killed several of these venomous reptiles of enormous size.

[Nashua Gazette.]

MADRID WINE. Most disastrous accounts are received of the future prospects of Madrid. It seems not improbable that the celebrated wine of Madrid will be a matter of history. A light of some sort has entirely destroyed the vineyards of this year, and seems likely to destroy the vines themselves. It appears in the shape of a thick white powder, which entirely covers the clusters of grapes. The inhabitants have memorialized the Portuguese Government to be permitted to cultivate tobacco.

SINGULAR DISH. The following is a translation of an item of news given in the last number of the Turkish newspaper of Constantinople:

"Many persons in Konia and Alahabeh, have eaten lately of eggs and chickens, have been attacked with the Little Sania disorder. On opening the female, they had died or have had their throats cut, worms were found in their stomachs resembling snakes; and the newspapers from Persia, mention that the same thing has been occurring there."

TERRIBLE STEAMBOAT COLLISION.

THREE HUNDRED LIVES LOST. We copy the following from the Boston Journal. The disaster which it chronicles is one of the most frightful that we have had to record for a long time. The Journal says:

Another of those awful calamities which freeze the blood, has just occurred on Lake Erie. Yesterday morning, about 2 o'clock, the steamer Atlantic came in collision with the propeller Ogdensburg, and sunk in half an hour. The Atlantic had on board 500 passengers, and it is said that three hundred persons lost their lives! The remainder succeeded in getting on board the Ogdensburg, and reached Erie yesterday morning. None of the passengers of the Ogdensburg were injured. The following dispatch received by the Traveller gives a few of the melancholy particulars:

Erie, Aug. 20, noon. At the time of the collision, a dense fog was prevailing. The passengers were all in bed, and the Atlantic was in charge of the first mate, who was endeavoring to escape the steamer Ogdensburg, a very large proportion of whom were Norwegian emigrants. Many of them, in their terror, jumped overboard instantly. Capt. Petty vainly endeavored to turn their heads, by assuring them there was no danger, hoping to keep the steamer on its course and reach port in season to save them; but the water gained so fast on the efforts of the crew, that by the time she had proceeded two miles from the spot where the collision took place, she was found to be rapidly sinking.

The fires in the engine room were extinguished by the rising water, and a scene of terrible confusion followed. The emigrants, who were not ordered a word spoken to them, added horror to the scene by their cries and exhibition of frantic terror.

The cabin passengers and all others who could be made to understand the situation, remained comparatively calm, and provided themselves with chairs, settees, and beds, all of which were patent life preservers which buoyed them up in the water and the water was saved.

Great numbers of the emigrants jumped overboard in their terror

